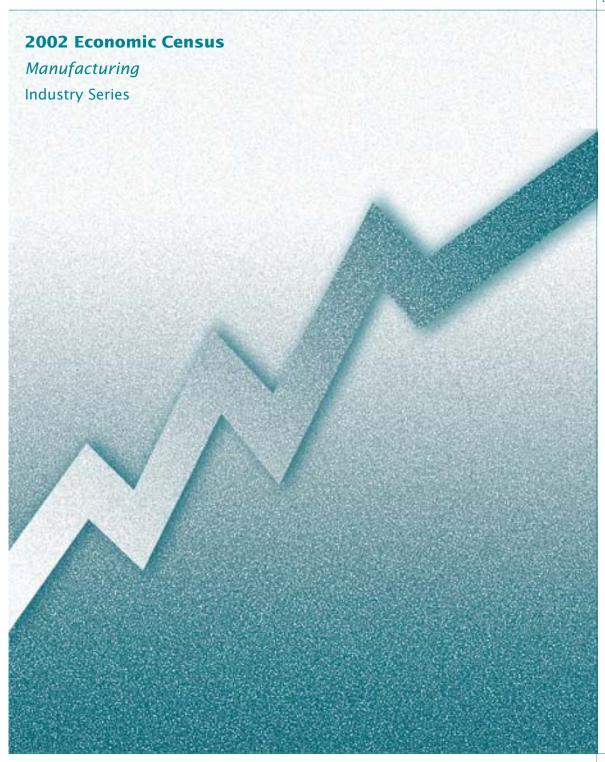
Fertilizer (Mixing Only) Manufacturing: 2002

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Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All			Pro	duction work	kers		Total	Total	Total capital
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	shipments	expendi- tures (\$1,000)
325314, Fertilizer (mixing only)											
manufacturing2002	373	542	10 083	340 665	6 290	13 759	179 697	1 112 499	1 982 160	3 090 683	r125 387
2001	N	N	9 188	342 740	5 253	11 552	169 850	956 066	2 100 854	3 150 959	134 044
2000	N	N	9 275	344 877	5 441	11 176	171 923	1 073 239	2 069 319	3 106 936	127 249
1999	N	N	8 996	289 584	5 624	11 437	151 411	967 520	1 923 173	2 897 001	120 939
1998	N	N	9 371	252 637	6 461	12 612	145 710	1 188 881	2 485 371	3 651 016	55 314
1997	334	449	8 857	236 940	6 038	12 554	135 182	1 023 171	2 320 091	3 323 819	71 131

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establishments ²		All employees		Pr	oduction wor	kers				
Industry and geographic area	E¹	Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
325314, Fertilizer (mixing only) manufacturing												
United States. Alabama California Florida Illinois Maryland Michigan New Jersey Pennsylvania Texas Virginia Washington	2 3 2 1 - 1 3 1 1 3	542 13 42 43 16 15 10 19 25 56 20	148 5 15 20 5 2 5 4 6 11 6 4	10 083 466 1 027 1 109 249 145 267 223 423 890 261 195	340 665 15 971 32 950 43 538 7 325 4 236 7 920 8 643 16 368 28 473 8 157 6 047	6 290 355 621 681 154 104 131 256 561 164	13 759 729 1 428 1 582 353 244 349 265 499 1 224 344 266	179 697 10 284 17 088 21 784 4 387 2 773 4 833 3 513 8 276 14 252 3 867 4 213	1 112 499 46 634 120 012 115 619 33 025 13 008 29 394 21 410 45 027 100 546 20 166 13 993	1 982 160 81 769 141 953 316 992 52 252 23 979 27 583 31 500 100 602 123 420 40 874 32 656	3 090 683 125 036 261 378 433 130 84 743 38 024 55 661 52 340 143 889 221 368 63 145 46 556	'125 387 '6 500 '10 705 '19 516 '2 067 '984 '1 824 '1 642 '5 671 '23 528 '1 458 '2 390

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
325314, Fertilizer (mixing only) manufacturing	
Companies ¹ number.	373
All establishments ²	542 394 136 12
All employees3 number Total compensation \$1,000 Annual payroll \$1,000 Total fringe benefits \$1,000	10 083 415 543 340 665 74 878
Production workers, average for year	6 290 6 650 6 563 6 004 5 877
Production worker hours	13 759 179 697
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	1 982 160 1 688 821 243 538 20 282 17 784 11 735
Quantity of electricity purchased for heat and power 1,000 kWh. Quantity of electricity generated less sold for heat and power 1,000 kWh.	311 257 -
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000	3 090 683 2 742 463 53 279 294 941 285 907 2 511 6 523
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industry \$1,000.	98 2 854 157 2 742 463 111 694
Coverage ratiopercent.	96
Value added\$1,000	1 112 499
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	391 158 226 519 24 109 140 530
Total inventories, end of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	401 795 224 663 29 941 147 191
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000 Total capital expenditures (new and used) \$1,000 Buildings and other structures (new and used) \$1,000 Machinery and equipment (new and used) \$1,000 Automobiles, trucks, etc., for highway use \$1,000 Computers and peripheral data processing equipment \$1,000 All other expenditures for machinery and equipment \$1,000 Total retirements \$1,000 Gross value of depreciable assets at end of year \$1,000	'1 212 504 '125 387 '26 739 '98 648 '15 708 '79 244 '97 000 '1 240 891
Depreciation charges during year	^r 80 760
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	50 314 23 703 26 611
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	172 851 71 38 603 5 725 1 713 1 146 3 866 1 031 4 560 3 662 8 852 103 693

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class		All employees			Pr	roduction worke	ers		Total	Total	Total capital
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	Total value of shipments (\$1,000)	expendi- tures (\$1,000)
325314, Fertilizer (mixing only) manufacturing											
All establishments Establishments with — 1 to 4 employees 5 to 9 employees 10 to 19 employees 20 to 49 employees 5 to 99 employees 50 to 99 employees 250 to 499 employees 500 to 999 employees 500 to 999 employees 1,000 to 2,499 employees 2,500 employees or more	1 4 4 3 1 1 - -	542 188 102 104 102 34 11 - 1	10 083 e 675 1 386 3 134 2 262 1 660 - f	340 665 D 20 429 48 293 101 702 77 417 66 489 D -	6 290 D 465 852 2 044 1 357 963 - D -	13 759 D 1 065 2 052 4 375 2 871 2 093 - D	179 697 D 10 841 23 994 58 066 38 098 35 924 D	1 112 499	1 982 160 D 139 178 277 844 575 573 462 022 334 602 D	3 090 683 D 198 511 409 503 897 175 715 628 625 799 D D	'125 387 '10 685 D '13 496 '46 142 '28 715 '16 430 D
Administrative records ⁴	5	147	1 002	27 753	647	1 404	13 164	55 949	160 511	213 847	^r 4 121

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All	All em	ployees	Pr	oduction work	ers		Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
		All estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)			
325314	Fertilizer (mixing only) manufacturing .	542	10 083	340 665	6 290	13 759	179 697	1 112 499	1 982 160	3 090 683	r125 387

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Products Statistics: 2002 and 1997 Table 6a.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product shipments		
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
325314	Fertilizer (mixing only) manufacturing	N N	X	X	2 854 157 2 926 500	
3253140	Mixed fertilizers, mixing only	N	X	X	2 854 157	
32531401	Mixed fertilizers, dry, mixing only 1997 2002 1997	N N N	X X X	X X X	2 926 500 2 201 225 2 161 736	
3253140111	Mixed fertilizers, dry, shipped in packages, tablets, and similar forms, gross weight less than or equal to 22 lb (10 kg), mixing only¹	40	х	s	1 124 820	
	1997	24	X	P1 455.8	478 726	
3253140121	Mixed fertilizers, dry, shipped in bulk, mixing only ²	48 68	X	92 845.3	364 285 632 322	
3253140131	Mixed fertilizers, dry, shipped in bags, gross weight of 22 lb (10 kg) or more, mixing only ³	53 60	X	s	330 894	
3253140141	Potting soils, mixed with fertilizers and-or other chemicals, mixing only		• •	P2 719.6	709 149	
	1997	36 25	X	S 1 021.2	272 238 221 490	
3253140151	Compost, mixed with chemicals and other materials for decay control, mixing only	17	X	s	57 544	
0050440404	1997	12	X	842.5	49 881	
3253140161	Mixed plant foods, mixing only	14 13	X	S 83.8	51 444 70 168	
32531402	Mixed fertilizers, liquid, mixing only	N N	X	X	288 886 294 950	
3253140241	Mixed fertilizers, liquid, mixing only ⁴	57	X	Š	288 886	
3253140Y	Mixed fertilizers, mixing only, nsk, total	67 N	X	P2 733.7 X	294 950 364 046	
3253140YWW	Mixed fertilizers, mixing only, nsk, for nonadministrative-	N	X	X	469 814	
	Mixed fertilizers, mixing only, nsk, for nonadministrative- record establishments	N N	X	×	273 579 329 749	
3253140YWY	Mixed fertilizers, mixing only, nsk, for administrative-record establishments	N N	X	X	90 467 140 065	

¹This product code is primary to more than one industry. See industry 325312, product code 3253127111. ²This product code is primary to more than one industry. See industry 325312, product code 3253127121. ³This product code is primary to more than one industry. See industry 325312, product code 32531273141. ⁴This product code is primary to more than one industry. See industry 325312, product code 3253127141.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
325314	Fertilizer (mixing only) manufacturing		
00900001	Total materials	X	1 688 821
32531103	Nitrogenous fertilizers, ammonia, synthetic anhydrous (100 percent NH ₃)	X S ₽471.5	1 897 773 19 650 92 216
32531113	Nitrogenous fertilizers, ammoniating and nitrogen solutions, including ammonium nitrate and urea (100 percent N)	S	46 798 92 536
32531111	Nitrogenous fertilizers, ammonium nitrate (solid only) (100 percent NH ₄ NO ₃)	S	28 321 37 732
32531107	Nitrogenous fertilizers, ammonium sulfate (100 percent (NH ₄) ₂ SO ₄)	P228.8 945.6	83 570
32531115	Nitrogenous fertilizers, urea (solid only) (100 percent CO(NH ₂) ₂)	9831.3 S 9779.8	78 117 111 193 129 318
32531109	Other nitrogenous materials, including calcium cyanamide and limestone mixtures	S P200.8	13 992 59 376
32531203	Superphosphates used in mixed goods (100 percent P ₂ O ₅)	\$ S S	16 462
32531201	Phosphoric acid, excluding spent (100 percent P_2O_5) 1997 1,000 s tons. 2002. 1997	S P651.1	54 758 58 867 141 170
32531205	Other phosphatic fertilizer materials, including diammonium phosphate and monoammonium phosphate (100 percent P ₂ O ₅) 1,000 s tons 2002 1997	S S S	98 788 119 876
21239101	Muriate of potash (all grades) (60-62 percent K ₂ O)	9 8 8	53 970 81 586
21239103	Other potassic materials, including potassium nitrate and sulfate	9259.8	42 837 46 778
00190029	Inert fillers (including secondary plant food, soil conditioners, sand, limestone, peat, nut hulls, etc.) 1,000 s tons2002	S S	83 786 100 442
32518803	Sulfuric acid, new and spent (100 percent H ₂ SO ₄)	P58.6	2 464
21239200	1997 1,000 s tons. 2002. 1997 1997 1,000 s tons. 2002. 1,000 s tons. 2	9110.8 S 93.5	13 773 18 193 1 603
21239303	Sulfur	D	D
21111013	Natural gas used as a raw material	D	D D
32220009	Bags (including shipping sacks, multiwall bags, and polyethylene liners), excluding textile	D X X	D 36 335 75 952
00970099	All other materials and components, parts, containers, and supplies	X	579 112
00971000	Materials, ingredients, containers, and supplies, nsk	X X X	405 660 392 286 354 861

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.